Light, H.M., and others, 1998, Aquatic and wetland habitats in relation to river flow in the Apalachicola River floodplain, Florida NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT U.S. GEOLOGICAL SURVEY LOCATION 30°15′ PLATE 1 PLATE 2 GULF 29°45′ Apalachicola MEXICO 5 10 15 KILOMETERS MAIN CHANNEL—Apalachicola River FLOODPLAIN—Adapted from forest map by Leitman (1984). Area shown is approximately 16,600 acres 30°30′-<sup>85</sup> RIVER MILE—Number is distance from mouth in miles CONNECTED AQUATIC HABITATS—"Connected" means that approximately level water passageways exist between floodplain water bodies and the main river channel, allowing 2-way fish access from river to floodplain and floodplain to river. Specific locations of connected aquatic habitats at specific flow values were not generated for forest areas in this study Streams and lakes Tupelo-cypress swamps. Total area shown is 3,980 acres of tupelo-cypress swamps, about 72 percent of which is connected aquatic habitat 4 MILES A. LOW FLOW B. MEDIUM FLOW C. MEDIUM-HIGH FLOW 8,000 cubic feet per second at Chattahoochee gage 16,000 cubic feet per second at Chattahoochee gage 31,000 cubic feet per second at Chattahoochee gage Total forest area that is connected aquatic habitat is approximately 3,540 acres which includes 2,870 acres of tupelo-cypress swamps and 670 acres of mixed bottomland hardwoods Total forest area that is connected aquatic habitat is negligible Total forest area that is connected aquatic habitat is negligible